IN THE SPECIFICATION:

Please amend the Summary of the Invention as follows:

In one illustrative embodiment, a method of synchronizing data in a distributed data processing system comprises storing a master data in at least one legacy computer system, enabling a first non-legacy computer to support synchronization, storing a copy of the master data in a second non-legacy computer, and executing, by the second non-legacy computer, at least one operation on the copy of the master data. The method further comprises sending, by the second non-legacy computer, the at least one operation to the first non-legacy computer and replaying, by the first non-legacy computer, the at least one operation. The method further comprises determining whether the at least one operation is successful and in response to a determination that the at least one operation is successful, synchronizing said master data by applying said at least one operation to form a modified copy of the master data.

~~In another illustrative embodiment, a method of synchronizing data in a distributed data processing system comprises storing a master data in at least one legacy computer system, enabling a first non-legacy computer to support synchronization, storing a copy of the master data in a second non-legacy computer, and executing, by the second non-legacy computer, at least one operation on the copy of the master data. The method further comprises sending, by the second non-legacy computer, a synchronization protocol to the first non-legacy computer, sending, by the second non-legacy computer, the at least one operation to said first non-legacy computer, and sequentially replaying, by the first non-legacy computer, the at least one operation. The method further comprises determining whether the at least one operation is successful, in response to a determination that the at least one operation is successful, synchronizing the master data by applying the at least one operation to form a new copy of the master data, and in response to a determination that the at least one operation is not successful, not synchronizing the master data to form a modified copy of the master data. The method further comprises sending by the first non-legacy computer the results from the at least one operation to the second non-legacy computer and sending by the first non-legacy computer the modified copy of the master data to the second non-legacy computer.~~

In another illustrative embodiment, an apparatus is provided in a middle-tier computer. The apparatus comprises a processor and a memory coupled to the processor. The memory comprises instructions which, when executed by the processor, cause the processor to receive, via a first software connector, at least one operation from a thin client computer. The thin client computer stores a copy of master data from a legacy computer and executes the at least one operation on the copy of the master data. The instructions further cause the processor to sequentially replay the at least one operation on the master data at the legacy computer via a second software connector, determine whether the at least one operation is successful, and in response to a determination that the at least one operation is successful, synchronize the master data by applying the at least one operation via the second software connector to form new master data at the legacy computer, such that in response to a determination that the at least one operation is not successful, the middle-tier computer does not synchronize the master data.

In yet another illustrative embodiment, a computer program product comprises a computer recordable medium having a computer readable program recorded thereon. The computer readable program, when executed on a middle tier computer, causes the middle tier computer to receive, via a first software connector, at least one operation from a thin client computer. The thin client computer stores a copy of master data from a legacy computer and executes the at least one operation on the copy of the master data. The computer readable program further causes the computing device to sequentially replay the at least one operation on the master data at the legacy computer via a second software connector, determine whether the at least one operation is successful, and in response to a determination that the at least one operation is successful, synchronize the master data by applying the at least one operation via the second software connector to form new master data at the legacy computer, such that in response to a determination that the at least one operation is not successful, the middle-tier computer does not synchronize the master data.

These and other features of the illustrative embodiments will be described in, or will become apparent to those of ordinary skill in the art in view of, the following detailed description of the example embodiments of the present invention.